

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S28 2 | 805  | (524/376).CCLS.   | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2006/07/11 13:27 |
| S28 3 | 1    | US-6070107-\$.DID.  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2006/07/11 13:29 |
| S28 4 | 1    | "20040196343"   | US-PGPUB;<br>USPAT                          | OR               | ON      | 2006/07/11 13:47 |
| S28 5 | 35   | Unithox\$4 near2 "420"  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2006/07/11 13:49 |
| S28 6 | 12   | S285 and (fiber or filament)  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2006/07/11 13:50 |
| S28 8 | 20   | (ethoxylat\$5 near3 aliphatic near3 alcohol) same (fiber or filament) | US-PGPUB;<br>USPAT                          | OR               | ON      | 2006/07/11 13:51 |
| S28 7 | 423  | (ethoxylat\$5 near3 aliphatic near3 alcohol) and (fiber or filament)  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2006/07/11 13:51 |
| S29 1 | 12   | (unithox\$5 near4 "420") and (fiber or filament)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/17 14:59 |
| S29 0 | 12   | (unithox\$5 near4 "420") and (fiber or filament)                      | US-PGPUB;<br>USPAT                          | OR               | ON      | 2006/07/17 14:59 |
| S29 2 | 35   | (unithox\$5 near4 "420")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/17 15:00 |
| S29 3 | 26   | (unithox\$5 near4 "420") and (surfactant or softener or softening)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/17 15:04 |
| S29 7 | 0    | S294 and unithox\$5   | US-PGPUB;<br>USPAT                          | OR               | ON      | 2006/07/17 15:05 |
| S29 6 | 0    | S294 and unithoxc   | US-PGPUB;<br>USPAT                          | OR               | ON      | 2006/07/17 15:05 |
| S29 5 | 0    | S294 and filament   | US-PGPUB;<br>USPAT                          | OR               | ON      | 2006/07/17 15:05 |
| S29 4 | 1    | ("6067480").PN.   | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2006/07/17 15:05 |
| S29 9 | 1    | ("4764567").PN.   | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2006/07/17 15:17 |
| S29 8 | 1    | ("6070107").PN.   | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2006/07/17 15:17 |
| S28 9 | 104  | (unithox\$5) and (fiber or filament)                                  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2006/07/17 15:18 |

## EAST Search History

|          |        |   |   |    |     |                  |
|----------|--------|---|---|----|-----|------------------|
| S30<br>1 | 1      | "20050008668"   | US-PGPUB;<br>USPAT                                    | OR | ON  | 2006/07/17 15:21 |
| S30<br>0 | 21     | (unithox\$5) same (fiber or filament)   | US-PGPUB;<br>USPAT                                    | OR | ON  | 2006/07/17 15:21 |
| S30<br>2 | 17     | randy with petrea   | US-PGPUB;<br>USPAT                                    | OR | ON  | 2006/07/17 15:33 |
| L1       | 1      | ("6070107").PN.   | US-PGPUB;<br>USPAT                                    | OR | OFF | 2006/07/18 09:12 |
| L2       | 20     | ("4078599"   "4753987"  <br>"4826926"   "4944965"   "5013514"<br>  "5121329"   "5136515"  <br>"5158130"   "5340433"   "5503785"<br>  "5649277"   "Re35334").PN. OR<br>("6070107").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/07/18 09:13 |
| L5       | 36     | unithox\$5 with "420"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/18 09:19 |
| L4       | 36     | unithox\$5 with "420"   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/07/18 09:19 |
| L12      | 144539 | 11 and (ethoxylat\$5) or (ethylene<br>with oxide)   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/07/18 09:27 |
| L11      | 69     | ("2891912"   "2950254"  <br>"3969500"   "4000077"   "4007261"<br>  "4275055"   "4438096"  <br>"4470982"   "4472291"   "4486334"<br>  "4544498"   "4592907"  <br>"4639321"   "4654163"   "4654207"<br>  "4701322"   "4704272"  <br>"4707293"   "4717501"   "4726944"<br>  "4728457"   "4731201"  <br>"4749732"   "4765975"   "4777038"<br>  "4777039"   "4786422"  <br>"4803287"   "4818440"   "4818525"<br>  "4824602"   "4842850"  <br>"4855130"   "4859458"   "4859550"<br>  "4859732"   "4867971"  <br>"4885107"   "4888119"   "4908233"<br>  "4950468"   "5034218").PN. OR<br>("5213716").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/07/18 09:27 |
| L14      | 19     | 11 and ((ethoxylat\$5) or (ethylene<br>with oxide)) and fiber   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/07/18 09:28 |
| L13      | 46     | 11 and ((ethoxylat\$5) or (ethylene<br>with oxide))   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/07/18 09:28 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| L17 | 17   | petrea with randy   | US-PGPUB;<br>USPAT                          | OR | ON  | 2006/07/18 09:36 |
| L18 | 15   | ("2965678"   "3652419"  <br>"3653955"   "3989661"   "4240795"<br>  "4299994"   "4767556"  <br>"4932976"   "4995884"   "4999120"<br>  "5015419").PN. OR ("5241042"  <br>"5288416").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON  | 2006/07/18 09:41 |
| L20 | 264  | (baker with petrolite)  | USPAT                                       | OR | ON  | 2006/07/18 09:48 |
| L19 | 34   | ("2965678").URPN.   | USPAT                                       | OR | ON  | 2006/07/18 09:48 |
| L23 | 1709 | (baker with hughes).asn.  | USPAT                                       | OR | ON  | 2006/07/18 09:50 |
| L22 | 0    | (baker with petrolite).asn.   | USPAT                                       | OR | ON  | 2006/07/18 09:50 |
| L21 | 111  | (baker with petrolite) and<br>((ethylene with oxide) or<br>ethoxylat\$5)  | USPAT                                       | OR | ON  | 2006/07/18 09:51 |
| L27 | 0    | Neuteboom same Peter  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/18 09:56 |
| L26 | 0    | Neuteboom same Peter  | USPAT;<br>EPO; JPO;<br>DERWENT              | OR | ON  | 2006/07/18 09:56 |
| L25 | 2    | "2006063698"  | USPAT;<br>EPO; JPO;<br>DERWENT              | OR | ON  | 2006/07/18 09:56 |
| L24 | 64   | 23 and ((ethylene with oxide) or<br>ethoxylat\$5)   | USPAT                                       | OR | ON  | 2006/07/18 09:56 |
| L3  | 2    | 2 and unithox\$5  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON  | 2006/07/18 09:58 |
| L29 | 213  | (ethoxylat\$5 or (ethylene with<br>oxide)) and unithox\$5 and alcohol   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON  | 2006/07/18 09:59 |
| L28 | 223  | (ethoxylat\$5 or (ethylene with<br>oxide)) and unithox\$5   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON  | 2006/07/18 09:59 |
| L30 | 195  | (ethoxylat\$5 or (ethylene with<br>oxide)) and unithox\$5 and alcohol<br>and (polyolefin or polypropylene or<br>polyethylene)   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON  | 2006/07/18 10:03 |
| L32 | 1    | ("5348736").PN.   | US-PGPUB;<br>USPAT                          | OR | OFF | 2006/07/18 10:12 |
| L31 | 81   | (ethoxylat\$5 or (ethylene with<br>oxide)) and unithox\$5 and alcohol<br>and (polyolefin or polypropylene or<br>polyethylene) and (fiber or<br>filament)                                | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON  | 2006/07/18 10:12 |

## EAST Search History

|     |      |  |                              |    |     |                  |
|-----|------|--|------------------------------|----|-----|------------------|
| L33 | 1    | 32 and unithox\$5  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/07/18 10:26 |
| L34 | 1    | 32 and (polyolefin or polypropylene<br>or polyethylene)  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/07/18 10:28 |
| L35 | 1    | 32 and (fiber or filament)   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/07/18 10:46 |
| L39 | 55   | ("2891912"   "2950254"  <br>"3950510"   "3969500"   "4000077"<br>  "4078147"   "4470982"  <br>"4486334"   "4544498"   "4563347"<br>  "4654163"   "4654207"  <br>"4701322"   "4704272"   "4707293"<br>  "4711776"   "4717501"  <br>"4726944"   "4728457"   "4741855"<br>  "4765975"   "4772427"  <br>"4772462"   "4777038"   "4777039"<br>  "4803237"   "4824602"  <br>"4830774"   "4855130"   "4859550"<br>  "4859732"   "4867971"  <br>"4933176"   "5034218"  <br>"5096697").PN. OR ("5348736").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/07/18 10:50 |
| L38 | 1    | ("5348736").PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/07/18 10:50 |
| L37 | 23   | "5348736"  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/07/18 10:50 |
| L36 | 1    | "5348736".pn. and insoluble  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/07/18 10:50 |
| L40 | 1    | 39 and unithox\$5  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/07/18 11:51 |
| L42 | 236  | igepal\$5 with "630" same<br>ethoxylated   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/07/18 11:52 |
| L41 | 1960 | igepal\$5 with "630"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/07/18 11:52 |
| L43 | 157  | igepal\$5 with "630" same<br>ethoxylated same alkyl  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/07/18 11:57 |
| L44 | 1    | ("6218009").PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/07/18 11:58 |

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|     |    |  |                              |    |     |                  |
|-----|----|--|------------------------------|----|-----|------------------|
| L47 | 36 | ("2462331"   "3048263"   "3048266"   "3285855"   "3644482"   "3847676"   "3867324"   "3929509"   "3973068"   "4070218"   "4073852"   "4076698"   "4181762"   "4189420"   "4258097"   "4273802"   "4273892"   "4274971"   "4307143"   "4356220"   "4578414"   "4581397"   "4764567"   "4857251"   "4906687"   "4923914"   "5045387"   "5096939"   "5096940"   "5582904").PN. OR ("6146757").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/07/18 11:59 |
| L46 | 1  | ("6146757").PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/07/18 11:59 |
| L45 | 3  | ("5976694"   "6121170").PN. OR ("6218009").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/07/18 11:59 |
| L48 | 94 | ("4486552").PN. OR ("4578414").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/07/18 12:07 |
| L49 | 94 | ("4486552").PN. OR ("4578414").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/07/18 12:11 |
| L52 | 1  | 51 and woven   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/07/18 12:26 |
| L50 | 5  | 49 and (alkyl with (ethoxylat\$5 or (ethylene with oxide)))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/07/18 12:26 |
| L54 | 1  | 53 and stabiliz\$5   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/07/18 12:54 |
| L53 | 1  | ("6146757").PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/07/18 12:54 |
| L51 | 1  | ("6146757").PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/07/18 12:54 |